

Converting Colors

RGB(187, 170, 128)

Have a look what the booklet for
RGB(187, 170, 128) contains.

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Color

RGB(187, 170, 128)

Conversions

Conversions Part 1

Format	Color
Hex	BBAA80
RGB	187, 170, 128
RGB Percent	73%, 67%, 50%
CMY	0.2667, 0.3333, 0.4980
CMYK	0.00, 0.09, 0.32, 0.27
HSL	43°, 30%, 62%
HSV	43°, 32%, 73%
XYZ	38.7645, 40.8728, 26.2682
YIQ	170.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

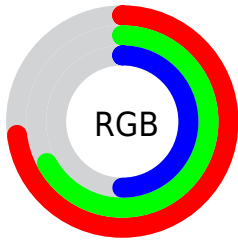
Format	Color
RYB	152, 187, 128
Decimal	12298880
CIELab	70.09, -0.27, 23.92
CIElCh	70, 23.922, 90.640
Yxy	40.8728, 0.3660, 0.3859
Android (android.graphics.Color)	4290488960 (0xFFBBAA80)
YUV	170.2950, -20.8514, 14.6503
Hunter-Lab	63.9318, -3.6487, 20.3913

Details

The RGB color **187, 170, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128, 145, 187**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **244, 225, 181**, and **133, 118, 78** is the 20% darker color. If you saturate the color by 10%, you get **187, 165, 109**, and if you desaturate by 10%, it is **187, 175, 147**.

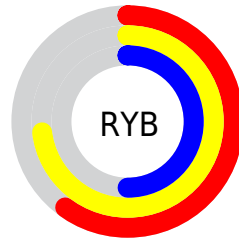
Distribution



Red (73%)

Green (67%)

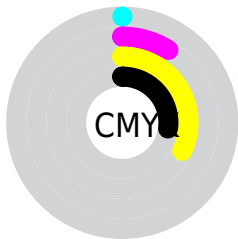
Blue (50%)



Red (60%)

Yellow (73%)

Blue (50%)

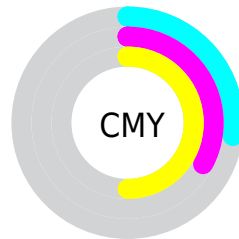


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 170, 128 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 187, 170, 128 by changing the saturation by 10% instead.

 187, 170, 128

 187, 170, 128

255, 255, 255

 160, 144, 103

 244, 225, 181

 133, 118, 78

 255, 254, 209

 107, 93, 55

 255, 255, 237


 82, 70, 33


 58, 48, 11

 36, 27, 0

 0, 1, 0

 0, 0, 0

 187, 170, 128

 187, 170, 128

 187, 165, 109

 187, 175, 147

 187, 159, 91

 187, 181, 165

 187, 154, 72

 187, 186, 184

 187, 148, 53

 187, 192, 203

 187, 143, 35

 187, 197, 222

 187, 138, 16

 187, 202, 240

 187, 133, 0

 187, 208, 255

 187, 213, 255

 187, 218, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205, 163, 134



187, 170, 128



164, 177, 134

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 170, 128



108, 183, 193



200, 159, 193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187, 170, 128



128, 145, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



175, 166, 209



187, 170, 128



119, 179, 208

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 170, 128



117, 184, 171



146, 173, 214



214, 156, 172

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 170, 128



147, 180, 143



146, 173, 214



193, 161, 199

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



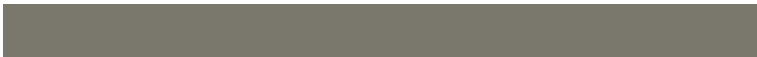
187, 170, 128



242, 236, 220



187, 128, 146



122, 119, 109



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 170, 128



242, 216, 150



175, 187, 128



94, 92, 85



158, 113, 0



31, 22, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



128, 145, 187



150, 177, 242



140, 128, 187



85, 88, 94



0, 46, 158



0, 9, 31

Previews

White Background



This preview shows how the RGB color 187, 170, 128 looks on a white background.

Color Contrast Check

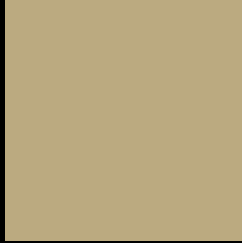
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 170, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

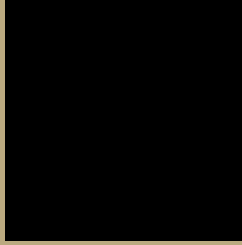
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 187, 170, 128 Background



This preview shows how black text looks on a background with the RGB color 187, 170, 128.



This preview shows how white text looks on a background with the RGB color 187, 170, 128.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
187, 170, 128

Protanopia
184, 171, 129

Deuteranopia
202, 164, 129



Tritanopia
193, 164, 176

Trichromacy



Original Color
187, 170, 128

Protanomaly
185, 171, 129

Deuteranomaly
197, 166, 129

Tritanomaly
191, 166, 159

Monochromacy



Original Color
187, 170, 128

Achromatopsia
170, 170, 170

Achromatomaly
176, 170, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 170, 128 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 128) }
```

Border

The CSS property to change the border of an element to RGB 187, 170, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 170, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 170, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 170, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 170, 128); box-shadow:4px 4px 4px 4px rgb(187, 170, 128) }
```

Background

The CSS property to change the background color of an element to RGB 187, 170, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
170, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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